



Micrel / Microchip Technology

ATMEGA328PB-MU

Part Number:	ATMEGA328PB-MU
Manufacturer/Brand:	Micrel / Microchip Technology
Product description:	IC MCU 8BIT 32KB FLASH 32VQFN
Datasheets:	1.ATMEGA328PB-MU.pdf 2.ATMEGA328PB-MU.pdf
RoHS Status:	Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

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Image may be representation. See specifications for product details.

Specifications of ATMEGA328PB-MU

PART NUMBER	ATMEGA328PB-MU
MANUFACTURER	Micrel / Microchip Technology
DESCRIPTION	IC MCU 8BIT 32KB FLASH 32VQFN
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	1.ATMEGA328PB-MU.pdf 2.ATMEGA328PB-MU.pdf
VOLTAGE - SUPPLY (VCC/VDD)	1.8 V ~ 5.5 V
SUPPLIER DEVICE PACKAGE	32-VFQFN (5x5)
SPEED	20MHz
SERIES	AVR® ATmega
RAM SIZE	2K x 8
PROGRAM MEMORY TYPE	FLASH
PROGRAM MEMORY SIZE	32KB (16K x 16)
PERIPHERALS	Brown-out Detect/Reset, POR, PWM, WDT
PACKAGING	Tray
PACKAGE / CASE	32-VFQFN Exposed Pad
OSCILLATOR TYPE	Internal
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF I/O	27
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	6 Weeks
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
EEPROM SIZE	1K x 8
DETAILED DESCRIPTION	AVR AVR® ATmega Microcontroller IC 8-Bit 20MHz 32KB (16K x 16) FLASH 32-VFQFN (5x5)
DATA CONVERTERS	A/D 8x10b
CORE SIZE	8-Bit
CORE PROCESSOR	AVR
CONNECTIVITY	I ² C, SPI, UART/USART
BASE PART NUMBER	ATMEGA328

Related Tags

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<p>ATMEGA328PB-MUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32VQFN In stock: Out stock RFQ</p>	<p>ATMEGA328PB-AU Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 32TQFP In stock: Out stock RFQ</p>
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<p>ATMEGA328PB-XMINI Manufacturers: Micrel / Microchip Technology Description: EVAL KIT FOR ATMEGA328 In stock: 209 pcs RFQ</p>	<p>ATMEGA329-16AUR Manufacturers: Micrel / Microchip Technology Description: IC MCU 8BIT 32KB FLASH 64TQFP In stock: Out stock RFQ</p>

